

CC 181: Solutions for flat screens



Flat screens are now accepted as the standard. Many owners of visually elegant flat screens want to improve the sound quality of their modern high-definition flat screen on the one hand, but not to impair the visual impact of their overall living space on the other. Components that visually combine with the television set, while at the same time providing an optimum sound backdrop, are thus in demand. And this is precisely the mission of the CC 181.

The design is pure, elegant and timeless, with attractively clear geometrical forms. The Centre has been consistently designed for combination with large flat

screen TV sets.

The front-to-back dimension of the enclosed housing is only 11 cm, the width 88 cm.

ELAC offers two finishing options through replaceable covers. In addition to the familiar "stretched fabric covers", the matt-lacquered models are fitted with stylish grilles.

The strengths of the CC 181 are high acoustic fidelity and outstanding dialogue comprehensibility. It lends both films and music superb authenticity, bringing the acoustic experience a step closer to reality. In spite of the flat housing, the sound has a roundness that makes the use of a subwoofer unnecessary.

Suitable fixing lugs are provided for direct wall mounting. A special sound correction option can be activated on the connecting terminal that directly counters excessive booming of the sound ("mulm") – a result of direct attachment to the wall – specifically in the lower frequency range, thus combining the excellent quality of speech reproduction with the musical quality and spaciousness of freestanding speakers, which is required for the precise reproduction of modern high-definition digital sources.

Technical features:

- The "JET III tweeter" with its special neodymium magnets, has a particularly powerful drive unit. Thanks to its ribbon geometry, it has an upper cut off frequency of 50 kHz (!).
- The "JET_DC" acoustic tuning element made of open-cell foam modifies not only the directional characteristics but also the frequency response, with the result that it is possible to localise the instruments and voices even under acoustically difficult spatial conditions.
- ELAC's aluminium sandwich technology is deployed for the bass and mid ranges

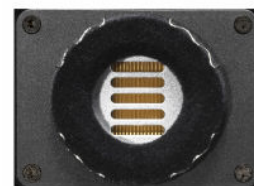
Colours:

Black ash decor/high-gloss baffle, satin black, satin white, cherry decor/black painted, soft-finish baffle.

Satin black and satin white finishes with lacquer available with cloth frames and grill covers.

Specifications:

Dimensions HxWxD	165 x 880 x 110/122 mm	Nominal power handling	80 W
Weight	9.5 kg	Peak power handling	120 W
Type	2-way, closed with integrated high-pass filter	Frequency range	55 – 50,000 Hz
Woofers	2x TT 140 mm AS cone	Sensitivity	88.5 dB/2.83V/m
Tweeters	1x JET III	Nominal impedance	6 Ohm
Suggested amplifier output at above nominal impedance	20 - 180 W / channel	Minimum impedance	3.7 Ohm at 60 Hz
Crossover frequency	(45) / 800 / 2,600 Hz		



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Product Informatio

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